

Southwest Region

2006-2010

Five Year Transportation Program



The Southwest Region covers nine counties in the southwestern part of the state: Allegan, Barry, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren counties. Major state highways include: I-69, I-94, I-196, US-12, US-31, and US-131.

The region is traversed by I-94, an important international trade corridor linking Port Huron and Detroit to Chicago and Toronto. This makes the Southwest Region an ideal location for many industries, particularly those supporting the automobile manufacturing industry. The region is also home to a significant portion of the agricultural industry encompassing over 9,500 farms that produce a market value of agricultural products sold of over \$900 million. To bolster industries and commerce that are important to the region and the state, project selection emphasizes freeway improvements and modernization.

2005 Accomplishments

The Southwest Region continues to work towards meeting MDOT's statewide pavement and bridge condition goals. During 2005, 26% of all Southwest Region route miles and 10% of bridges located in the Region received some type of rehabilitation or repair. Region road rehabilitation and reconstruction efforts improved 21 miles of roads. Another 291 miles of roadways were repaired under the Capital Preventative Maintenance and Non-freeway Resurfacing Programs. Ten bridges were rehabilitated, and 37 bridges were repaired.

Some of the projects completed during 2005 include:

- Replacement of the I-196 bridges over I-94, Berrien County.
- Rehabilitation with minor widening to improve safety of almost three miles of M-51 from US-12 BR to Pucker Street in Niles, Berrien County.
- Reconstruction and intersection improvements to US-131BR/I-94BL and Michigan Avenue in Kalamazoo, Kalamazoo County.
- Reconstruction and widening over six miles of M-40 from 134th Street to I-196 in Holland, Allegan County.

- Rehabilitation of almost one mile of US-131 within the village of Schoolcraft, including intersection and streetscape improvements, Kalamazoo County.
- Rehabilitation of over six miles of I-94 East Bound from 23 Mile Road to west of the Calhoun and Jackson county line, Calhoun County.

Rehabilitation and Reconstruction projects awarded in 2005 that will be completed in 2006 include:

- Reconstruction of over four miles of I-69 from north of A Drive North to north of I-94, Calhoun County.
- Rehabilitation of the M-37 Bridge over the Kalamazoo River in Battle Creek, Calhoun County.

Five Year Road and Bridge Program

The road and bridge preservation projects identified in this 2006 to 2010 Five Year Transportation Program for the Southwest Region total approximately \$255 million (Note: this does not include \$62 million in CPM work). Investment is allocated in the following manner:


Amount in Millions of Dollars FY 2006 through FY 2010				
Southwest Region	Other Funding	Preserve First Funds	Jobs Today Funds	Total
Road Preservation	\$164	\$28	\$26	\$218
Bridge Preservation	\$36	\$1	\$0	\$37
Road & Bridge CPM	\$52	\$0	\$10	\$62
Total 2006-2010	\$252	\$29	\$36	\$317

Capital preventive maintenance (CPM) projects are planned for a significant number of pavements and structures that do not require extensive repairs during this Five Year Plan period. The CPM projects are short-term fixes, adding from five to ten years of life to a pavement or maintaining the existing bridge condition. The Jobs Today investment initiative for the Southwest Region will provide approximately \$10 million for CPM work over FY 2006 and FY 2007.

(Road Preservation includes Roadside facilities)

(Amounts are rounded to the nearest million dollars)

Southwest Region	Route Miles	Number of Bridges and other Structures
Total in Region	1,230	602
Scheduled Work	182	39
Percentage of Region	15%	6%



The 2006-2010 program for road preservation work reflects approximately 182 miles (15%) of the Southwest Region's 1,230 route miles of state trunklines during the next five years.

The 2006-2010 program for bridge preservation work will address 39 (6%) of the region's 602 trunkline bridges and structures.

The Southwest Region's Five Year Road and Bridge Program has been developed within the framework of the Department's goals and investment strategies and in coordination with local agencies. This integrated program consists of Rehabilitate and Reconstruct, New Roads and Capacity Improvement, Capital Preventive Maintenance, and Non-Freeway Resurfacing Programs.

Public Involvement


The Southwest Region continues to engage the public as often as possible and encourages the public to comment on the transportation program as a whole. The project receiving the most inquiries towards the end of 2005 is the US-131 project in St. Joseph County. A significant number of comments have been received regarding the Department's No-Build decision announced at the end of October. These comments are being reviewed and will be addressed in early 2006. The comments that are received during the project planning and development stages are critical in helping the department to deliver a program that is responsive to our customers.

Two listening sessions were held in Kalamazoo on December 15, 2005, with 50 citizens in attendance. Despite high attendance there were only eight comment sheets submitted, due in large part because immediately following the Listening Session, the region held an open forum with the attendees, to further discuss project specific concerns as well as general concerns related to safety and mobility. Local village and city managers/engineers requested roadway improvements along I-94 and other corridors (M-43, M-63, and US-12). Preservation repairs such as roadway realignments for improved safety were also requested.

Citizens expressed a need for improved traffic flow and freeway expansion at the US-131 and I-94 interchange in Kalamazoo to improve mobility.

Corridor Improvement Strategies

As outlined in the State Long Range Plan 2000-2025 (SLRP), the Southwest Region continues to invest in the corridors of highest significance (I-94, I-69, US-131, and US-31/I-196). These corridors represent the backbone of Michigan's economy and the Southwest Region will continue to focus investments to rebuild and modernize these roadways and the transportation facilities within them.



The Southwest Region continues to use an asset management approach to analyze all of our roadway corridors. This approach groups projects from MDOT program categories (rehabilitate and reconstruct, capital preventive maintenance, scheduled maintenance and safety), with local projects. Pavement management strategies including remaining service life and roadway condition models are utilized to develop the type of fixes and costs necessary to preserve our roads and bridges.

MDOT has reconstructed 93 percent of the I-69 corridor from the Indiana state line to the southern Eaton County line within the last six years. The last five-mile segment will be complete in 2006.

2006-2010 ROAD & BRIDGE PROGRAM

SOUTHWEST BRIDGE - REPLACEMENT AND REHABILITATION

COUNTY	ROUTE(COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2006	2007	2008	2009	2010
BARRY	M-66		M-66 OVER MUD CREEK	BRIDGE REPLACEMENT	0.000					CON
BERRIEN	I-94		I-94 EB OVER GALIEN RIVER	DECK REPLACEMENT	0.080			CON		
BERRIEN	I-94		I-94 WB OVER GALIEN RIVER	DECK REPLACEMENT	0.080			CON		
BERRIEN	I-94		I-94 EB OVER SAWYER ROAD	DECK REPLACEMENT	0.376	CON				
BERRIEN	I-94		I-94 WB OVER SAWYER ROAD	DECK REPLACEMENT	0.376	CON				
BERRIEN	I-94		I-94 EB OVER CONRAIL RAILROAD (ABANDONED)	BRIDGE REMOVAL	0.060	CON				
BERRIEN	I-94		I-94 WB OVER CONRAIL RAILROAD (ABANDONED)	BRIDGE REMOVAL	0.060	CON				
BERRIEN	M-51		M-51 OVER MCKINZIE CREEK	BRIDGE REPLACEMENT	0.001			CON		
BRANCH	M-86 (Colon Road)		M-86 OVER MATTESON CREEK	BRIDGE REPLACEMENT	0.000					CON
CALHOUN	I-69		I-69 SB COLLECTOR OVER I-94	OVERLAY - DEEP	0.000			CON		
CALHOUN	I-69		I-69 NB COLLECTOR OVER I-94	OVERLAY - DEEP	0.000			CON		
CALHOUN	I-94	JT	I-94 EB OVER RICE CREEK	OVERLAY - SHALLOW	0.000		CON			
CALHOUN	I-94	JT	I-94 WB OVER RICE CREEK	OVERLAY - SHALLOW	0.000		CON			
CALHOUN	I-94		I-94 EB OVER RIVERSIDE DRIVE	BRIDGE REPLACEMENT	0.000				CON	
CALHOUN	I-94		I-94 WB OVER RIVERSIDE DRIVE	BRIDGE REPLACEMENT	0.000				CON	
CALHOUN	I-94	PF	I-94 EB OVER GTW RAILROAD	PAINTING COMPLETE	0.000		CON			
CALHOUN	I-94	PF	I-94 WB OVER GTW RAILROAD	PAINTING COMPLETE	0.000		CON			
CALHOUN	I-94		VERONA ROAD OVER I-94	OVERLAY - SHALLOW	0.000			CON		
KALAMAZOO	I-94		LOVERS LANE OVER I-94	BRIDGE REPLACEMENT	0.000	CON				
KALAMAZOO	I-94		4 TH STREET OVER I-94	OVERLAY - SHALLOW	0.000	CON				
KALAMAZOO	I-94		6 TH STREET OVER I-94	OVERLAY - SHALLOW	0.000	CON				
KALAMAZOO	M-96		M-96 OVER MILL RACE	BRIDGE REPLACEMENT	0.000					CON
KALAMAZOO	US-131		PARKVIEW (M AVENUE) OVER US-131	BRIDGE REPLACEMENT	0.000		CON			
ST. JOSEPH	M-86		M-86 OVER ST JOSEPH RIVER TAILRACE	SUPERSTRUCTURE REPLACEMENT	0.000			CON		
ST. JOSEPH	M-86 (Colon Road)		M-86 OVER SWAN CREEK	BRIDGE REPLACEMENT	0.000			CON		
VAN BUREN	BLUE STAR HIGHWAY		BLUE STAR HIGHWAY OVER BLACK RIVER	DECK REPLACEMENT	0.000					CON
VAN BUREN	I-196		I-196 OVER DEERLICK CREEK	CULVERT REPLACEMENT	0.000		CON			
VAN BUREN	I-196		I-196 NB OVER CR RR (ABANDONED) AND BLACK RIVER	OVERLAY - SHALLOW	0.000		CON			
VAN BUREN	I-196		I-196 SB OVER CR RR (ABANDONED) AND BLACK RIVER	OVERLAY - SHALLOW	0.000		CON			
VAN BUREN	I-196 BL (Phoenix Road)		I-196 BUSINESS LOOP EB (PHOENIX ROAD) OVER I-196	DECK REPLACEMENT	0.000		CON			
VAN BUREN	I-196 BL (Phoenix Road)		I-196 BUSINESS LOOP WB (PHOENIX ROAD) OVER I-196	DECK REPLACEMENT	0.000		CON			
VAN BUREN	I-94		I-94 EB OVER PAW PAW RIVER	OVERLAY - SHALLOW	0.100	CON				
VAN BUREN	I-94		I-94 WB OVER PAW PAW RIVER	OVERLAY - SHALLOW	0.100	CON				
VAN BUREN	I-94		M-51 OVER I-94	OVERLAY - SHALLOW	0.002	CON				
VAN BUREN	I-94		I-94 EB OVER EAST BRANCH OF PAW PAW RIVER	OVERLAY - SHALLOW	0.002	CON				
VAN BUREN	I-94		I-94 WB OVER EAST BRANCH OF PAW PAW RIVER	OVERLAY - SHALLOW	0.002	CON				
VAN BUREN	I-94		41 ST STREET OVER I-94	OVERLAY - SHALLOW	0.002	CON				
VAN BUREN	I-94		M-40 OVER I-94	DECK PATCHING	0.002	CON				
VAN BUREN	I-94		24 TH STREET OVER I-94	SUBSTRUCTURE REPAIR	0.002	CON				
					0.619					

2006-2010 ROAD & BRIDGE PROGRAM

SOUTHWEST REPAIR AND REBUILD ROADS

COUNTY	ROUTE(COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2006	2007	2008	2009	2010
ALLEGAN	I-196	PF	SOUTH OF 109TH AVE. (EXIT 26) TO 118TH STREET	RESTORATION AND REHABILITATION	6.950					CON
ALLEGAN	M-40 / M-89 (Lincoln Road)	JT	WEST CITY LIMITS OF ALLEGAN TO 124TH AVENUE	RESURFACE	5.783		CON			
ALLEGAN	M-89 (West Allegan Street)		OTSEGO WEST CITY LIMITS TO WILMOTT STREET	RESURFACE	0.937				CON	
ALLEGAN	US-131 NB		MARTIN TOWNSHIP, ALLEGAN COUNTY	ROADSIDE FACILITIES - PRESERVE	1.000					CON
BARRY	M-43		BUSH STREET TO DELTON ROAD, VILLAGE OF DELTON	RESURFACE	0.520		CON			
BARRY	M-43 (South Broadway Street)		M-37/M-43 (STATE STREET) TO NORTH STREET	RESTORATION AND REHABILITATION	1.014					CON
BARRY	M-43		KALAMAZOO / BARRY COUNTY LINE TO OSBORNE ROAD	RESURFACE	3.995	CON				
BARRY	M-66		ASSYRIA ROAD TO FRANCIS STREET IN NASHVILLE	RESURFACE	4.590	CON				
BARRY	M-79 (E Quimby Rd)	JT	M-37 TO EAST OF BARRYVILLE ROAD	RESURFACE	5.380		CON			
BERRIEN	I-94 EB		EAST OF I-196 TO WEST OF M-140	RESTORATION AND REHABILITATION	4.895		CON			
BERRIEN	I-94		INDIANA STATE LINE TO SAWYER	RESURFACE	12.015			CON		
BERRIEN	I-94		SAWYER (EXIT 12) TO I-94 BL (EXIT 23)	RESURFACE	10.893				CON	
BERRIEN	I-94 BL (Red Arrow Highway)	JT	WINCHESTER AVENUE TO PORT STREET	CONCRETE PAVEMENTS - CPM	0.978	CON				
BERRIEN	I-94 BL (E Main Street)		FAIR AVENUE TO RIVER STREET	RECONSTRUCTION	1.756			CON		
BERRIEN	US-12 (W Pulaski Hwy)	JT	EAST CITY LIMITS OF THREE OAKS TO W. OF DAYTON RD.	RESURFACE	7.747		CON			
BERRIEN	US-31 BR (Walton Road)		US-31 TO OLD 31	RESURFACE	2.286	CON				
BRANCH	US-12		RIDGE ROAD TO BROWN STREET, QUINCY	RESURFACE	2.097				CON	
CALHOUN	I-94		11 MILE ROAD TO 17 1/2 MILE ROAD	RESTORATION AND REHABILITATION	7.153			CON		
CALHOUN	I-94 EB	JT	17 1/2 MILE ROAD EAST TO 23 MILE ROAD	RESTORATION AND REHABILITATION	5.460		CON			
CALHOUN	I-94 WB		MARSHALL REST AREA	ROADSIDE FACILITIES - IMPROVE	0.000		CON			
CALHOUN	I-94 WB		AT THE MARSHALL REST AREA	ROADSIDE FACILITIES - IMPROVE	0.000	CON				
CALHOUN	M-294 (Beadle Lake Rd)		SOUTH OF GOLDEN AVENUE TO M-96 (COLUMBIA AVENUE)	RESURFACE	1.530			CON		
CALHOUN	M-60		KALAMAZOO RIVER IN HOMER TO JACKSON COUNTY LINE	RESURFACE	4.867		CON			
CALHOUN	M-66		M-78 TO ASSYRIA ROAD	RESURFACE	10.092		CON			
CALHOUN	M-78		M-66 TO THE EATON COUNTY LINE	RESURFACE	3.548		CON			
CASS	M-40		FROM US-12 TO M-60	RESURFACE	6.808	CON				
CASS	M-40		US-12 TO PRANG STREET	RESTORATION AND REHABILITATION	5.722	CON				
CASS	M-60	JT	EAST VILLAGE LIMITS OF VANDALIA TO COREY LAKE ROAD	RESURFACE	7.542		CON			
CASS	US-12		MASON STREET IN UNION EAST TO M-40	RESURFACE	3.737					CON
KALAMAZOO	I-94		40TH STREET TO HELMER ROAD	RESURFACE	5.625		CON			
KALAMAZOO	I-94		AT LOVERS LANE	RECONSTRUCTION	0.330	CON				
KALAMAZOO	M-43 (West Main Street)		SECOND STREET TO WEST CITY LIMITS OF KALAMAZOO	RESURFACE	7.190		CON			
KALAMAZOO	M-96 (East Michigan Avenue)		MICHIGAN AVE TO 35TH STREET	RESURFACE	3.868				CON	
KALAMAZOO	US-131		NORTH VILLAGE LIMITS OF SCHOOLCRAFT TO U AVENUE	RESURFACE	1.507			CON		
ST. JOSEPH	M-60 (Niles-Three Rivers Road)	JT	CASS COUNTY LINE EAST TO US-131	RESURFACE	6.080		CON			
ST. JOSEPH	M-86		EAST OF BURR OAK ROAD EAST TO ST. JOSEPH COUNTY	RESURFACE	0.912	CON				
ST. JOSEPH	US-12 (East Chicago Road)		CENTERVILLE ROAD TO EAST CITY LIMITS OF STURGIS	RECONSTRUCTION	1.810	CON				
VAN BUREN	I-196	PF	SOUTH OF M-140 TO SOUTH OF 109TH AVENUE	RESTORATION AND REHABILITATION	8.900		CON			
VAN BUREN	I-94 EB		EAST OF M-40 TO EAST OF KALAMAZOO COUNTY LINE	RECONSTRUCTION	5.961					CON
VAN BUREN	I-94 WB		M-51 (EXIT 56) TO VILLAGE OF MATTAWAN (EXIT 66)	RESTORATION AND REHABILITATION	9.499	CON				
VAN BUREN	M-40 (North State Street)		VAN BUREN STREET TO MILL LAKE ROAD	RESURFACE	0.875		CON			

2006-2010 ROAD & BRIDGE PROGRAM

SOUTHWEST REPAIR AND REBUILD ROADS

COUNTY	ROUTE(COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2006	2007	2008	2009	2010
VAN BUREN	M-40 (North Kalamazoo Street)		ST. JOSEPH AVENUE TO POWER PLANT ROAD	RESURFACE	1.441				CON	
					183.293					